

**ACI COMMITTEE 341 MEETING
EARTHQUAKE-RESISTANT CONCRETE BRIDGES**

Sunday, March 18, 2012

Hyatt Regency Dallas, Dallas, TX



MAIN COMMITTEE

341 Earthquake-Resistant Concrete Bridges Sun 3pm to 5pm PEGASUS B

SUBCOMMITTEES

341-A Columns	Sun	11:00am to 12:30pm	MCMILLAN
341-B Pier Walls	Sun	9:30am to 11:00am	MCMILLAN
341-C Retrofit	Sun	8:00am to 9:30am	MCMILLAN
341-D PBSB	Sun	1:00am to 2:30am	MCMILLAN

OTHER BRIDGE COMMITTEES

342 Bridge Evaluation	Sun	8:30am to 10:00am	CUMBERLAND B
343 Bridge Design	Mon	10:00am to 1:00pm	REVERCHON A
345 Bridge Construction	Sun	1:00pm to 3:00pm	CUMBERLAND F

ACI 341 TECHNICAL SESSION

Seismic Bridge Design Practice with Aesthetic Considerations, Mon 8:30am - 10:30am REUNION G

- 1) Call to order and introduction
- 2) Approval of the meeting agenda
- 3) Review and approval of the Pittsburgh meeting minutes
- 4) Committee and Subcommittee Updates & Membership
- 5) Technical Sessions
 - a) **Spring 2012 - The Art of Concrete**
March 18-22, Hyatt Regency Dallas, Dallas, TX
Seismic Bridge Design Practice with Aesthetic Considerations
- Burgueno and Suarez
 - b) **Fall 2012 - Forming Our Future**
October 21-25, Sheraton Centre, Toronto, ON, Canada
 - i) Possible topics: Performance based seismic design
Session moderators: Pedro Silva and Oh-Sung Kwon
 - ii) Wehbe and Abdel-Mohti will submit a preliminary session request on the performance of concrete bridges in recent earthquakes (New Zealand, Japan, and Chile).

j) Spring 2013 – Responsibility in Concrete

April 14-17, Hilton & Convention Center, Minneapolis, MN
Sritharan and Wehbe will develop a session on soil-structure interaction

k) Fall 2013 – Innovation in Conservation

October 20-24, Hyatt Regency & Phoenix Convention Center, Phoenix, AZ
Possible topics: strain rate and load history effects, accelerated bridge construction, and retrofit. Despradel and Kowalsky will lead the development of a session on retrofit and repair.

l) Spring 2014 – Responsibility in Concrete

March 23-27, Grand Sierra Resort
Reno, NV

6) Sub-Committee Reports

- a) Performance Based Seismic Design of Bridge Columns (Aschheim, Rodriguez)
- b) Wall Piers (Abo-Shadi)
- c) Retrofit and Repair (Despradel)
- d) Performance Based Seismic Design of Bridges (Silva)
- e) Seismic Analysis and Design of Concrete Bridge Systems (Anderson)
- f) Bearings and Expansion Joints (Watson)
- g) Others

7) Report from other ACI committees

- a) ACI 342 Evaluation of Concrete Bridges and Bridge Elements
- b) ACI 343 Concrete Bridge Design (Joint ACI-ASCE)
- c) ACI 345 Concrete Bridge Construction, Maintenance, and Repair
- d) ACI Committees 352 (Joints and Connections in Monolithic Concrete Structures, Joint ACI-ASCE), 374 (Performance-Based Seismic Design of Concrete Buildings), and 441 (Reinforced Concrete Columns, Joint ACI-ASCE)

8) Future Meetings

9) Update from TAC - Michael Sprinkel

10) Other Business

11) Presentations

"Seismic Performance of High-Strength-Concrete Hollow Bridge Piers under Multi-Directional Loading," by Prof. Rigoberto Burgueño, Civil and Environmental Engineering, Michigan State University.